

Title (en)

Non-radiative energy transfer immunochemical technique.

Title (de)

Immunochemisches Verfahren mit strahlungsfreier Energieübertragung.

Title (fr)

Technique immunochimique basée sur le transfert non-radiatif d'énergie.

Publication

**EP 0070686 A2 19830126 (EN)**

Application

**EP 82303700 A 19820714**

Priority

US 28440081 A 19810717

Abstract (en)

Antigen assays are performed by introducing an antigen-containing sample into a reagent solution comprising an absorber-emitter conjugated antibody and a chemiluminescent catalyst conjugated antibody, wherein the conjugated antibodies bind to the antigen in close proximity to enable transfer of energy to the absorber-emitter. The resulting emission of light from the absorber-emitter is related to the amount of antigen present in the sample.

IPC 1-7

**G01N 33/58**

IPC 8 full level

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CPC (source: EP)

**G01N 33/582** (2013.01)

Cited by

US5731148A; EP0154734A1; GB2223096A; US4598044A; US5512753A; US4820630A; US5496502A; EP0315364A3; US6165800A; EP0170415A1; US5410155A; US5109124A; US6214979B1; EP0247796A1; EP0087959A1; US4842997A; JPH0453518B2; US8114979B2; US10087445B2; WO8303104A1; WO8603227A1; WO8707386A1; WO0169254A3; US8084588B2; US8377641B2; KR101279539B1; US7605243B2; US7645872B2; US7476735B2; US7803936B2; US8030460B2; US8258276B2

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**EP 82303700 A 19820714**; CA 406777 A 19820707; DE 3266683 T 19820714; JP 12429282 A 19820716